

At the forefront of LED LCD technology.  
Samsung LED LCD Commercial Displays 



# LED LCD by Samsung. The new standard.

LED LCD technology has quickly become the standard for those companies looking to differentiate themselves. And as usual, Samsung is leading the way. Samsung LED LCD backlight technology provides many benefits over traditional CCFL backlighting. Your commercial LED LCD displays will be sharper, clearer, more colorful and consume less energy. As the number one display manufacturer in the world, it's our goal to make you a leader in your category, too.

## The Samsung LED LCD Commercial Displays



### **HE Series: 40", 46"**

The HE Series is for those who need a simple, reliable, professional-level alternative to consumer-level TVs.



### **ME Series: 40", 46", 55"**

The ME Series delivers a high-resolution display and integrated TV tuner, with easy content control through RS232C and RJ45 ports.



### **UE Series: 46", 55"**

With the UE Series, video walls will be sharp, clear, near-seamless and affordable.



### **UD Series: 55"**

Get the most impactful video walls with a 55" high-resolution screen and ultra-thin bezels.





# High visual impact, low environmental impact.

Samsung LED LCD commercial displays offer the finest picture quality, and at the same time, are considerate of the Earth we share. That same commitment to innovation that has led us to become the world's leading display manufacturer is what drives us to create innovative new products that put the planet first.



## Breakthrough picture quality.

Samsung LED LCD commercial displays deliver uniform brightness levels with lower power consumption. Images feature high color saturation, for pictures that are flat-out amazing. Text is clear and sharp. You can see the difference, and so can your customers. Some models also feature high 120Hz or 240Hz refresh rates, for smoother text scrolling without judder and artifacting, and reduced motion blur in digital signage messaging. Along with native contrast ratios of up to 5,000:1, Samsung LED LCD produces more realistic images.



## Uniform brightness.

The edge-lit backlight design can increase the longevity of surrounding components, since heat dissipation occurs at the edge of the panel instead of directly behind the panel like conventional CCFL-based designs. This design produces a 50,000-hour MTBF rating and long recommended run times.



## Energy-efficient and eco-friendly.

Samsung LED LCD commercial displays reduce energy consumption by 30-50% (depending on screen size) compared to conventional CCFL-backlit LCD displays, complying with Energy Star 5.0 specifications. Samsung's state-of-the-art LED-backlit LCD panels also eliminate the use of mercury, reducing energy consumption and making it easier to recycle.



## Total cost of ownership.

By combining energy savings with reductions in carbon emissions, Samsung LED LCD commercial displays can combine unprecedented economic and environmental efficiency, and deliver lower Total Cost of Ownership and maintenance over the product lifecycle.



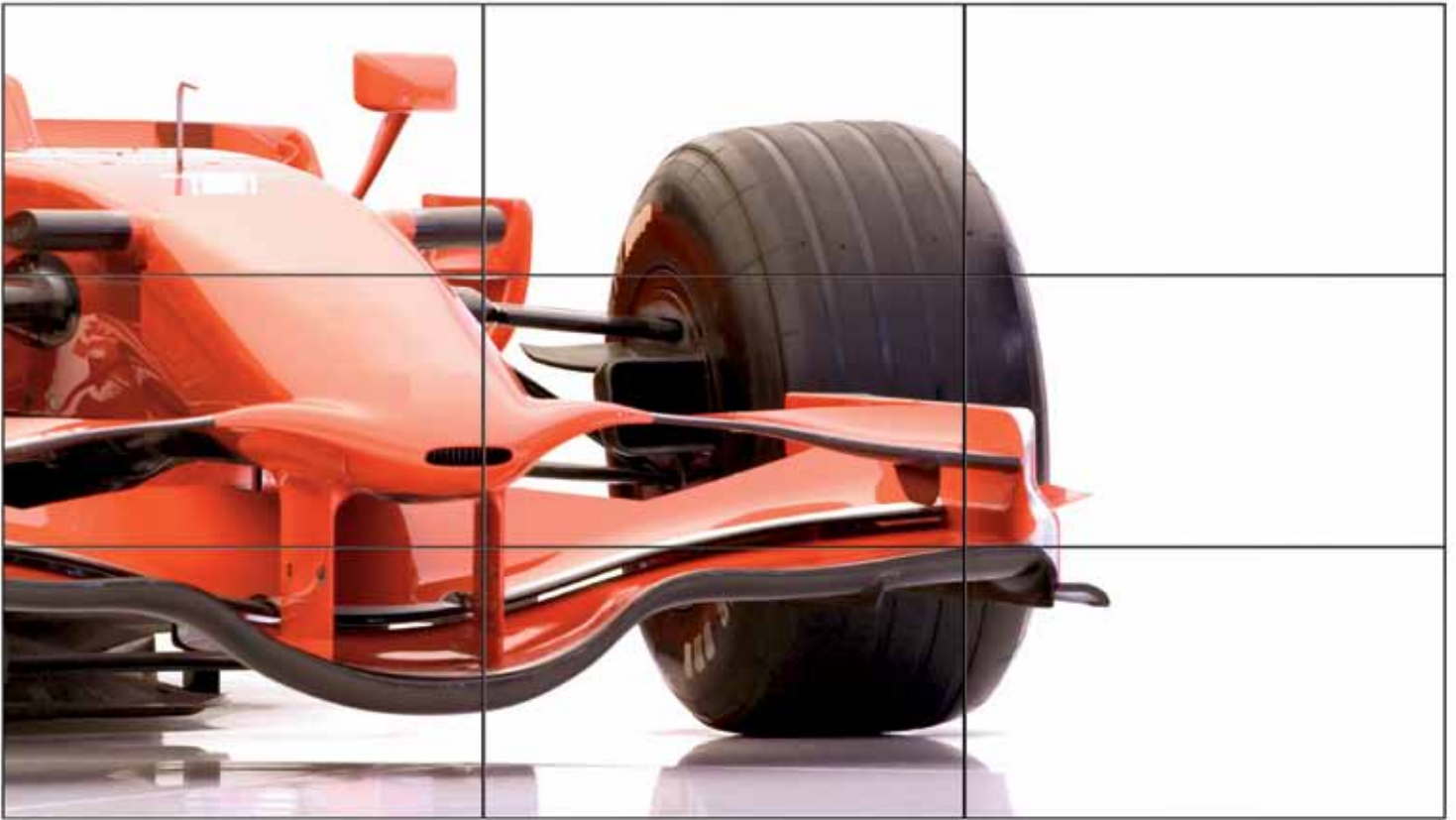
## Ultra-slim, ultra-light.

Samsung's LED LCD backlight technology allows for an ultra-slim 1.2" chassis depth, providing significant weight savings of 35-40% (depending on screen size) compared to conventional CCFL LCD displays.



# Better by design.

Samsung LED LCD commercial displays are built to be long-lasting, reliable solutions for businesses large and small. And leave long-lasting impressions, as well.



## Thin bezels.

The thinner the bezel, the more seamless and impactful the message. Samsung LED LCD commercial displays feature thin bezels that keep all the attention on your message, with distortion-free images (no compensating for thick bezels). Our UD series, for example, features bezel widths of just 1.8mm (0.07") on the right and bottom, and 3.7mm (0.14") on the top and left, for a bezel-to-bezel width of just 5.5mm (0.21"). That's a seam of less than a quarter of an inch on video walls with large 55" screens, which means your video walls will be virtually seamless.

## Commercial reliability.

Samsung LED LCD commercial displays are built for heavy-duty commercial use. They feature more advanced cooling technologies than consumer televisions, and are designed for long hours of continuous use.

## 3-year warranty.



Samsung stands behind the design and reliability of our LED LCD commercial displays with a full 3-year on-site warranty, which includes Samsung Tier 2 US-based customer support.

## MagicInfo Lite.

Managing content is simple with included Samsung MagicInfo Lite software (on select models). Simply plug in a USB thumb drive and you can schedule your content in just a few minutes. Play PowerPoint® files, videos, images and more.





# Samsung LED LCD commercial displays.

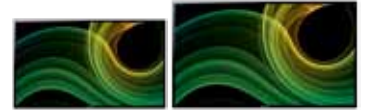
Display this evening's menu to passersby. Advertise an upcoming sale on your new clothing line. Communicate arrival and departure info. Highlight ever-changing artwork in your lobby. Show the playoff game on a massive 10-display x 10-display video wall. Whatever you want to communicate, make it bigger, brighter and better on a Samsung LED LCD commercial display.



## HE Series

HE40A 40"

HE46A 46"



The HE Series is for those who need a simple, reliable, professional-level alternative to consumer-level TVs. An affordable solution, the HE series features a built-in TV tuner in an easy-to-install, attractively designed, high-resolution display. Designed for moderate-use applications such as corporate lobbies or medical/dental offices, they feature commercial-level reliability and a three-year warranty.

- Integrated TV tuner displays broadcast TV
- Ultra-slim 29.9mm (1.2") chassis
- Thin side bezel of 13.7mm (0.53") on HE40A, 14.6mm (0.57") on HE46A
- MagicInfo Lite for easy plug-and-play digital signage content playback through USB
- 1920 x 1080 HD resolution, 16:9 widescreen
- 5000:1 contrast ratio
- 178° horizontal and vertical viewing angles
- HDMI connectivity
- Built-in 10W x 2 stereo speakers



## ME Series

ME40A 40"

ME46A 46"

ME55A 55"



The ME Series delivers a high-resolution display and integrated TV tuner, with easy content control through RS232C and RJ45 ports. DisplayPort makes connectivity simple, and the ultra-slim chassis with slim bezel design will look attractive anywhere you want your message to be seen.

- Integrated TV tuner displays broadcast TV
- Content control through RS232C and RJ45
- Thin side bezel of 13.7mm (0.53") on ME40A, 14.6mm (0.57") on ME46A, 14.7mm (0.57") on ME55A
- Ultra-slim 29.9mm (1.2") chassis
- 1920 x 1080 HD resolution, 16:9 widescreen
- 5000:1 contrast ratio
- 178° horizontal and vertical viewing angles
- DisplayPort and HDMI connectivity
- MagicInfo Lite for easy plug-and-play digital signage content playback through USB
- Built-in 10W x 2 stereo speakers

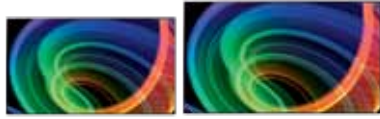


# Samsung LED LCD commercial displays.

## UE Series

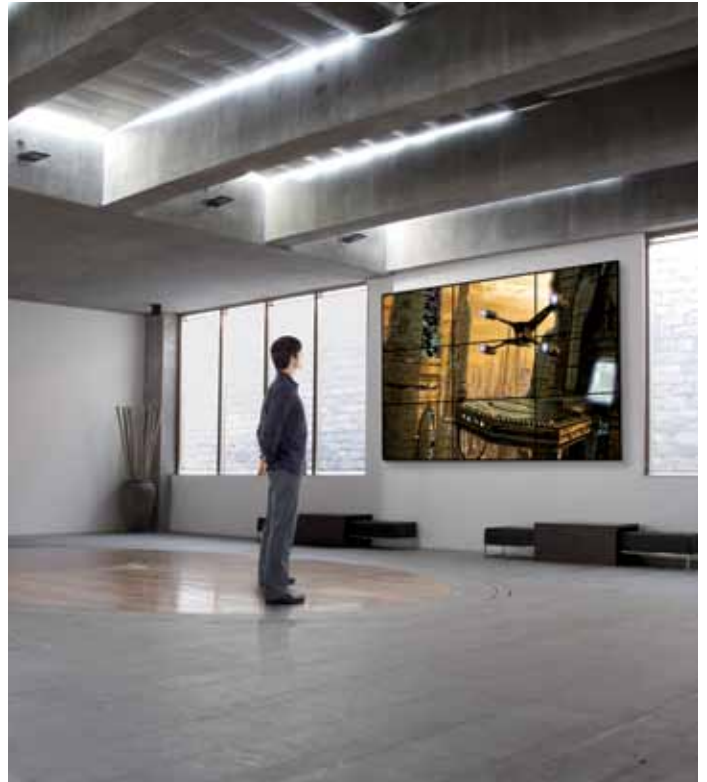
UE46A 46"

UE55A 55"



With the UE Series, video walls will be sharp, clear, near-seamless and affordable. Bezels are as thin as 10.0mm from bezel to bezel, for more image and less bezel in your video walls. Screen quality is outstanding, with 1920 x 1080 resolution, ultra-fast 240Hz panel refresh rates and Samsung picture technology. Displays are also 3D-capable (with optional 3D glasses).

- Ultra-fast 240Hz panel refresh rate and 4ms response time
- Thin bezels of 5.2mm (0.2") or 10.3mm (0.4") bezel-to-bezel on UE46A, 5.1mm (0.2") or just 10.0mm (0.39") bezel-to-bezel on UE55A
- Ultra-slim 29.9mm (1.2") chassis
- 3D-capable display (with optional 3D glasses)
- 1920 x 1080 HD resolution, 16:9 widescreen
- 5000:1 contrast ratio
- 450 nits brightness
- 178° horizontal and vertical viewing angles
- DisplayPort and HDMI connectivity
- MagicInfo Lite for easy plug-and-play digital signage content playback through USB
- Built-in 10W x 2 stereo speakers



## UD Series

UD55A 55"



Get the most impactful video walls with a 55" high-resolution screen and ultra-thin bezels. With a bezel width of just 5.5mm total from bezel to bezel, video walls will be virtually seamless. High resolution of 1920 x 1080 and brightness levels of up to 700 nits give you amazing video walls that simply cannot be ignored.

- Ultra-thin bezel width of 1.8mm (0.07") right and bottom, and 3.7mm (0.14") top and left, for a bezel-to-bezel width of just 5.5mm (0.21")
- Add an optional SBB-A PC module to deliver and manage content over the network
- Ultra-slim 29.9mm (1.2") chassis
- 1920 x 1080 HD resolution, 16:9 widescreen
- 5000:1 contrast ratio
- 700 nits brightness
- 178° horizontal and vertical viewing angles
- DisplayPort and HDMI connectivity
- Content control through RS232C and RJ45
- Built-in 10W x 2 stereo speakers
- 24/7 run time





# HE Series



Specifications	HE40A	HE46A
<b>Display</b>		
Screen Size	40"	46"
Panel Technology	60Hz Edge-lit LED LCD	60Hz Edge-lit LED LCD
Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)
Brightness	300nit	300nit
Contrast Ratio (Typical/Dynamic)	5000:1	5000:1
Viewing Angle	178°/178°	178°/178°
Response Time	8ms	8ms
<b>Connectivity</b>		
Inputs	VGA (D-sub 15 pin), Component (thru VGA port, adapter not included), HDMI (x4), USB (x3), Stereo Mini Jack, TV In, RJ45	VGA (D-sub 15 pin), Component (thru VGA port, adapter not included), HDMI (x4), USB (x3), Stereo Mini Jack, TV In, RJ45
Outputs	Stereo Mini Jack	Stereo Mini Jack
External Control	N/A	N/A
Sensor	N/A	N/A
<b>Power</b>		
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption Typical/Max	100W / 120W	140W / 160W
Power Consumption Standby	Less than 1W	Less than 1W
<b>Environmental Conditions</b>		
Operating Temperature	0°C - 40°C	0°C - 40°C
Operating Humidity	10%~80% Non-Condensing	10%~80% Non-Condensing
<b>Features</b>		
Special	Built-in TV tuner, Built-in Speaker (10W + 10W), Simple Plug & Play media player (thru USB), Narrow bezel, Slim chassis depth (1.18")	Built-in TV tuner, Built-in Speaker (10W + 10W), Simple Plug & Play media player (thru USB), Narrow bezel, Slim chassis depth (1.18")
Built-in Tuner	Yes	Yes
Media Player Type	USB Thumb Drive Plug/Play Feature	USB Thumb Drive Plug/Play Feature
VESA Standard Wall-Mount Interface	200 x 200mm	200 x 200mm
<b>Dimension</b>		
Product Dimension	Without Stand: 36.2" (W) x 21" (H) x 1.18" (D)	Without Stand: 41.5" (W) x 26.7" (H) x 1.18" (D)
Shipment Dimension	40.8" (W) x 24.9" (H) x 5.9" (D)	46.1" (W) x 28.7" (H) x 7.8" (D)
Bezel Width	13.7mm (Bottom 15.2mm)	14.6mm (Bottom 16.6mm)
<b>Weight</b>		
Product Weight	23.1 lbs.	27.5 lbs.
Shipment Weight	28.4 lbs.	36.5 lbs.
<b>Warranty/Service</b>	3 Years Onsite Parts and Labor	3 Years Onsite Parts and Labor
<b>Included Accessories</b>	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries
<b>Optional Accessories</b>		
Wall Mount	TBD	TBD
Stand	STN-LE4055AD	STN-LE4055AD
<b>Green Management</b>		
Emission Standard	EMC	EMC
Energy Star 5.0 Compliant	Yes	Yes
RoHS Compliant	Yes	Yes
Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable

# ME Series



Specifications	ME40A	ME46A	ME55A
<b>Display</b>			
Screen Size	40"	46"	55"
Panel Technology	60Hz LED BLU	60Hz Edge-lit LED LCD	120Hz Edge-lit LED LCD
Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
Brightness	300nit	300nit	380nit
Contrast Ratio (Typical/Dynamic)	5000:1	5000:1	5000:1
Viewing Angle	178°/178°	178°/178°	178°/178°
Response Time	8ms	8ms	8ms
<b>Connectivity</b>			
Inputs	VGA (D-sub 15 pin), DVI-D, HDMI, DisplayPort, Component/Composite, USB, Stereo Mini Jack, TV In	VGA (D-sub 15 pin), DVI-D, HDMI, DisplayPort, Component/Composite, USB, Stereo Mini Jack, TV In	VGA (D-sub 15 pin), DVI-D, HDMI, DisplayPort, Component/Composite, USB, Stereo MiniJack, TV In
Outputs	DisplayPort (Digital Loop-Out), Stereo Mini Jack	DisplayPort (Digital Loop-Out), Stereo Mini Jack	DisplayPort (Digital Loop-Out), Stereo Mini Jack
External Control	RS232C (in/out), RJ45	RS232C (in/out), RJ45	RS232C (in/out), RJ45
Sensor	N/A	N/A	N/A
<b>Power</b>			
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption Typical/Max	100W / 120W	140W / 160W	160W / 180W
Power Consumption Standby	Less than 1W	Less than 1W	Less than 1W
<b>Environmental Conditions</b>			
Operating Temperature	0°C - 40°C	10°C - 40°C	10°C - 40°C
Operating Humidity	10%~80% Non-Condensing	10%~80% Non-Condensing	10%~80% Non-Condensing
<b>Features</b>			
Special	Built-in TV tuner, Built-in Speaker (10W + 10W), Simple Plug & Play media player (thru USB), Built-in MagicInfo Lite signage software, Narrow bezel, Slim chassis depth (1.18")	Built-in TV tuner, Built-in Speaker (10W + 10W), Simple Plug & Play media player (thru USB), Built-in MagicInfo Lite signage software, Narrow bezel, Slim chassis depth (1.18")	Built-in TV tuner, Built-in Speaker (10W + 10W), Simple Plug & Play media player (thru USB), Built-in MagicInfo Lite signage software, Narrow bezel, Slim chassis depth (1.18")
Built-in Tuner	Yes	Yes	Yes
Media Player Type	USB thumb drive plug/play feature with MagicInfo Lite signage software	USB thumb drive plug/play feature with MagicInfo Lite signage software	USB thumb drive plug/play feature with MagicInfo Lite signage software
VESA Standard Wall-Mount Interface	200 x 200mm	400 x 400mm	400 x 400mm
<b>Dimension</b>			
Product Dimension	Without Stand: 36.2" (W) x 21" (H) x 1.18" (D)	Without Stand: 41.5" (W) x 26.7" (H) x 1.18" (D)	Without Stand: 49" (W) x 28.2" (H) x 1.18" (D)
Shipment Dimension	40.8" (W) x 24.9" (H) x 5.9" (D)	46.1" (W) x 28.7" (H) x 7.8" (D)	53.7" (W) x 33.4" (H) x 7.8" (D)
Bezel Width	13.7mm (Bottom 15.2mm)	14.6mm (Bottom 15.6mm)	14.7mm (Bottom 15.7mm)
<b>Weight</b>			
Product Weight	23.1 lbs.	27.5 lbs.	37.6 lbs.
Shipment Weight	28.4 lbs.	36.5 lbs.	48.8 lbs.
<b>Warranty/Service</b>	3 Years Onsite Parts and Labor	3 Years Onsite Parts and Labor	3 Years Onsite Parts and Labor
<b>Included Accessories</b>	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries
<b>Optional Accessories</b>			
Wall Mount	TBD	TBD	TBD
Stand	STN-LE4055AD	STN-LE4055AD	STN-LE4055AD
<b>Green Management</b>			
Emission Standard	EMC	EMC	EMC
Energy Star 5.0 Compliant	Yes	Yes	Yes
RoHS Compliant	Yes	Yes	Yes
Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

# UE Series



Specifications	UE46A	UE55A
Display		
Screen Size	46"	55"
Panel Technology	240Hz Edge-lit LED LCD	240Hz Edge-lit LED LCD
Resolution	1920 x 1080 (16:9)	1920 x 1080 (16:9)
Brightness	450nit	450nit
Contrast Ratio (Typical/Dynamic)	5000:1	5000:1
Viewing Angle	178°/178°	178°/178°
Response Time	4ms	4ms
Connectivity		
Inputs	VGA (D-sub 15 pin), DVI-D, HDMI, DisplayPort, Component/Composite, USB, Stereo Mini Jack	VGA (D-sub 15 pin), DVI-D, HDMI, DisplayPort, Component/Composite, USB, Stereo Mini Jack
Outputs	DisplayPort (Digital Loop-out), Stereo Mini Jack	DisplayPort (Digital Loop-out), Stereo Mini Jack
External Control	RS232C (in/out), RJ45	RS232C (in/out), RJ45
Sensor	Stereo Mini Jack (IR in/out), Mini USB (Ext. Brightness/IR Sensor)	Stereo Mini Jack (IR in/out), Mini USB (Ext. Brightness/IR Sensor)
Power		
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption Typical/Max	140W / 160W	160W / 180W
Power Consumption Standby	Less than 1W	Less than 1W
Environmental Conditions		
Operating Temperature	0°C - 40°C	10°C - 40°C
Operating Humidity	10%~80% Non-Condensing	10%~80% Non-Condensing
Features		
Special	Built-in Speaker (10W + 10W), Simple Plug & Play Media Player (thru USB), Built-in MagicInfo Lite signage software, Ultra-Narrow bezel, Slim chassis depth (1.18")	Built-in Speaker (10W + 10W), Simple Plug & Play Media Player (thru USB), Built-in MagicInfo Lite signage software, Ultra-Narrow bezel, Slim chassis depth (1.18")
Built-in Tuner	N/A	N/A
Media Player Type	USB thumb drive plug/play feature with MagicInfo Lite signage software	USB thumb drive plug/play feature with MagicInfo Lite signage software
VESA Standard Wall-Mount Interface	400 x 400mm	400 x 400mm
Dimension		
Product Dimension	Without Stand: 40.6" (W) x 23" (H) x 1.18" (D)	Without Stand: 48.4" (W) x 27.3" (H) x 1.18" (D)
Shipment Dimension	46.1" (W) x 27.8" (H) x 7.8" (D)	53.7" (W) x 33.4" (H) x 7.8" (D)
Bezel Width	5.2mm	5.1mm
Weight		
Product Weight	26.4 lbs.	35.2 lbs.
Shipment Weight	35 lbs.	46.2 lbs.
Warranty/Service	3 Years Onsite Parts and Labor	3 Years Onsite Parts and Labor
Included Accessories	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries
Optional Accessories		
Wall Mount	TBD	TBD
Stand	STN-LE4055AD	STN-LE4055AD
Green Management		
Emission Standard	EMC	EMC
Energy Star 5.0 Compliant	Yes	Yes
RoHS Compliant	Yes	Yes
Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable

# UD Series



Specifications	UD55A
Display	
Screen Size	55"
Panel Technology	60Hz Direct-lit LED LCD
Resolution	1920 x 1080 (16:9)
Brightness (Typical/Max)	500 nit / 700nit
Contrast Ratio (Typical/Dynamic)	TBD
Viewing Angle	178°/178°
Response Time	8ms
Connectivity	
Inputs	VGA (D-sub 15 pin), DVI-D, Display Port, Composite, HDMI (x2), Component (thru VGA port, adapter not included), RCA (L/R), Stereo Mini Jack
Outputs	DVI-D (Loop-out), Stereo Mini Jack
External Control	RS232C (in/out), RJ45
Sensor	Attached
Power	
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption Typical/Max	250W
Power Consumption Standby	Less than 2W
Environmental Conditions	
Operating Temperature	0°C - 40°C
Operating Humidity	10%~80% Non-Condensing
Features	
Special	Lamp Error Detection, Anti-Image Retention, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBR, Built-in Video Wall processor (10x10), Portrait Orientation, Button Lock, Digital Daisy Chain, Smart Scheduling, Smart F/W update
Built-in Tuner	N/A
Media Player Type	SB8-A (optional slide-in module)
VESA Standard Wall-Mount Interface	600 x 400mm
Dimension	
Product Dimension	Without Stand: 47.8" (W) x 27" (H) x 3.8" (D)
Shipment Dimension	TBD
Bezel Width	3.7mm (L/L), 1.8mm (R/B)
Weight	
Product Weight	77 lbs.
Shipment Weight	TBD
Warranty/Service	3 Years Onsite Parts and Labor
Included Accessories	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries
Optional Accessories	
Wall Mount	WMN550UD (TBD)
Stand	N/A
Specialty	Samsung MID Stand/Interlocking Kit (TBD)
Green Management	
Emission Standard	EMC
Energy Star 5.0 Compliant	Yes
RoHS Compliant	Yes
Packaging Recyclability	Packing Materials Recyclable



Product Support: 1-866-SAM-4BIZ • 1-800-SAMSUNG



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